

# TT-3000SSA Capsat® Ship Security Alert System



## Features

- SOLAS Regulation XI-2/6
- Inmarsat CN137 Approved
- One time cost only. No additional start up fee or subscription fees.
- Based on the existing Inmarsat-C service, which is recognized for its unique role in maritime safety.
- Total flexibility in routing to e-mail addresses, anti piracy centres, GSM phones, Fax and Telex.
- Type Approved by Inmarsat for maritime installation.
- Elevation -15° ensuring operation even in high sea.

## Description

The TT-3000SSA Capsat® Ship Security Alert System is based upon the well-known and reliable Inmarsat-C technology from Thrane & Thrane, which for more than a decade has been part of the Global Maritime Distress and Safety System.

Based on the Inmarsat-C service TT-3000SSA Capsat® Ship Security Alert System offers robustness, reliability, ease of use and coverage of A3 area.

The Capsat® Ship Security Alert System is approved by Inmarsat according to CN 137, which means that any alert sent from the TT-3000SSA Capsat® Ship Security Alert System will be handled with the same priority and reliability as a Distress alert sent via the GMDSS system.

The standard TT-3000SSA Capsat® Ship Security Alert System package consist of an easyTrack unit with a 20 meter transceiver cable and an interconnection box. Besides that, two alarm buttons and one test button that can be installed up to 50 meters away from the interconnectionbox are included.

Keeping track of the vessel at all times is also possible by activating position reporting, Capsat® is then capable of reporting its GPS position to a network of your choice at given intervals.

## Specifications

### Approvals:

Inmarsat approved. RTTE CE Marked  
Compliant to:  
- Inmarsat CN137  
- FCC, title 47 part 25, section 25.216  
- SOLAS Regulation XI-2/6.

### Certified by:

- relevant certification authorities

### Internal Antenna:

Inmarsat-C/GPS omnidirectional antenna. RHC polarized.  
G/T - 23.7dB/K & EIRP 7 dBW at 5° elevation.  
Coverage + 90° - -15°.

### Recommended Transceiver Cable:

5 meters  
10 meters  
20 meters

### Operating Frequencies:

Rx freq. Band:  
1525.0 - 1545.0 MHz  
Tx freq. Band:  
1626.5 - 1646.5 MHz  
GPS 1575.42 MHz.  
Channel Spacing:  
2.5 / 5 kHz

### Data Rate:

Tx 300 and 600 bit/s, Rx 600bit/s.

### Terminal Interface:

RS-232 w. hardware flow control. 4800 - 115200  
Baud. VT-100 mode.

### Internal GPS:

12- Channels. 1 sec update rate. 15 m. RMS accuracy.

### Power Source:

10.5 - 32 V floating DC

### Power Consumption:

RX 1.8W / TX 23 W (12V DC supply)

### Power Output:

3.3V DC /100mA, output for terminal equipment

### Ambient Temperature:

-35°C to 70°C operating -40°C to 80°C storage.

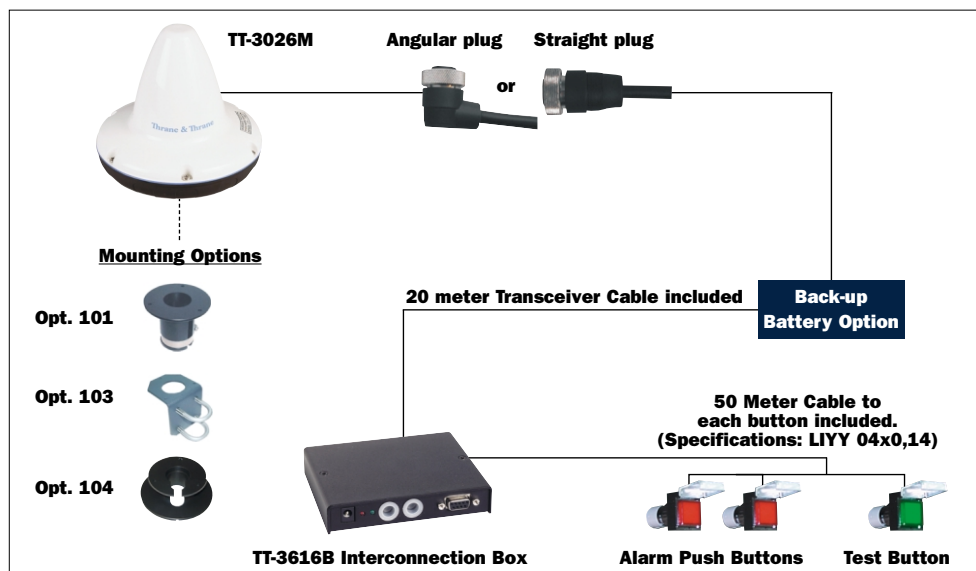
### Dimensions:

Ø: 163mm, H: 146.2mm (Ø: 6,4", H: 5,8")

### Weight:

1.1 Kg (2,4 lb)

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Distributor: